

85331

85331A/47	L02	KIEN = 22.07.76 *SU-587-123	L12-G2).	230
KIEV ENG CONS INST	22.07.76-SU-389734 (05.01.78) C04b-15/08	Mlxt. for the mfr. of bricks - contg. dehydrated clay, hydrated nepheline sludge and granulated nepheline sludge	<p>Mixture for the mfr. of building bricks contains (in wt. %): dehydrated clay (I) 5-40, hydrated nepheline sludge (II) 30-80 and nepheline sludge of specified coarseness (mod. 1.5-2.5) (III) the rest. The clay (I) is obt'd. by heating to 500-800°C and (II) is obt'd. by grinding with water at the solid: water ratio of 3:0.5, and steaming or autoclaving. Semi-dry pressing under 150-400 kg/cm² yields bricks which require no further firing or autoclaving.</p> <p><u>EXAMPLE</u> A typical mixt. contg. (in wt. %): (I) 5, (II) 80 and (III) 15, gave bricks with compressive strength of 102 kg/cm² at once after forming, the strength increasing after 28 days in air (water) to 205(208) kg/cm². The bricks withstand 35 freezing cycles. (2pp124)</p>	

SU-587123